Test Report
Consistency test

Project Name	Construction of RCC Culvert in Kempegowda Ward No-01
Client	The Executive Engineer, Yelahanka Division, BBMP
Job No	QECD/BBMP/YNK/PMC/2019-2020
Mix Type	PCC(1:4:8)
Contractor	Sri P Ravichandra
Test Method	IS : 4031 (Part 5) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.
Material	Cement
Sample No	1
Sample Collected Date	12-Mar-2019
Test Date	21-Mar-2019

Sl. No.	Description	Trial 1	Trial 2	Trial 3	Trial 4	Trial 4
1	Weight of Cement	400	400	400	400	400
2	Percentage of water added (%)	27	28.5	29.5	30	30.5
3	Weight of Water (gm)	108	114	118	120	122
4	Initial Reading of Plunger (mm)	40	40	40	40	40
5	Difference (mm)	18	17	11	6	5.5

Results: Standard Consistency of Cement: 30.50%

Note:

i. The results indicated above are based on the tests carried out on the sample at site.
ii. The results relate only to the items tested.
iii. This test report should not be reproduced except in full, without written approval of this laboratory.
iv. Any query regarding the report must be reported immediately.

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Project Management Services

Test Report
Impact test

Project Name	Construction of RCC Culvert in Kempegowda Ward No-01
Client	The Executive Engineer, Yelahanka Division, BBMP
Job No	QECD/BBMP/YNK/PMC/2019-2020
Mix Type	PCC(1:4:8)
Contractor	Sri P Ravichandra
Test Method	IS : 2386 (Part - 4) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Material	Coarse aggregates
Sample No	1
Sample Collected Date	12-Mar-2019
Date	21-Mar-2019

Sl. No.	Determination	Unit	Trails	
1	Weight of empty cylinder, w1	gm	960	960
2	Weight of container filled with Aggregate, w2	gm	1300	1301
3	Weight of the Aggregate before compaction, (w2 - w1) = w3	gm	340	341
4	Weight of the sample passing through 2.36 mm IS sieves after Impact, w4	gm	79	80
5	Weight of the sample retained on 2.36 mm IS sieve after Impact, w5	gm	261	261
6	Aggregate Impact Value (w4 / w3)x100	%	23.24	23.46
7	Specified Limit	%	45.00	

Results: Average Aggregate Impact Value: **23.35** %

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